

14CXN76

ND COAXIAL



800 W
continuous program
power capacity

80°
nominal coverage

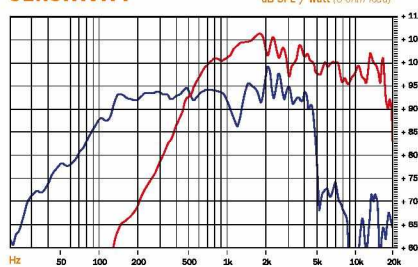
Single Neodymium
magnet assembly

100 dB
sensitivity

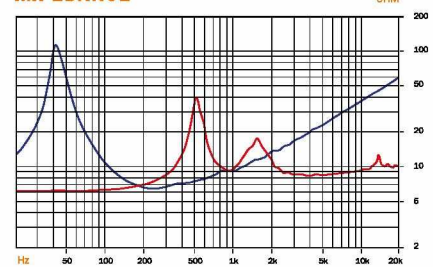
45 - 18000 Hz
response



SENSITIVITY



IMPEDANCE



SPECIFICATIONS

Nom. Diameter	355 mm (14 in)
Nom. Impedance	8 Ω
Minimum Impedance	6.5 Ω (LF), 8.2 Ω (HF)
Frequency Range	45 - 18000 Hz
Dispersion Angle ¹	80°
Magnet Material	Neodymium Ring
Waterproof cone treatment	Front Side

LF UNIT

Sensitivity (1W/1m) ²	100 dB
Power Handling Nom. (AES) ³	400 W
Continuous Program	800 W
Voice Coil Diameter	76 mm (3 in)
Winding Material	Copper
Flux Density	1.15 T
Former Material	Glass Fibre
Winding Depth	17.0 mm (0.67 in)
Magnetic Gap Depth	8.0 mm (0.31 in)

HF UNIT

Sensitivity (1W/1m) ⁴	105 dB
Power Handling Nom. (AES) ⁵	80 W
Continuous Program ⁶	160 W

Voice Coil Diameter	75 mm (3 in)
Winding Material	Aluminium
Diaphragm Material	Polyester/Titanium
Recommended Crossover ⁷	1.2 kHz
Flux Density	1.8 T
Inductance	0.11 mH

MOUNTING AND SHIPPING INFORMATION

Overall Diameter	359 mm (14.1 in)
Bolt Circle Diameter	343 mm (13.5 in)
Baffle Cutout Diameter	323 mm (12.7 in)
Depth	188 mm (7.4 in)
Flange and Gasket Thickness	15 mm (0.59 in)
Net Weight	5.6 kg (12.35 lb)
Shipping Weight	7.2 kg (15.87 lb)
Shipping Box	500x495x275 mm (19.68x19.48x10.83 in)

Also available 14HCX76 (with 60°x 40° horn)

¹ Included by -6 dB down points.
² Applied RMS Voltage is set to 2.83V
³ LF - Two hour test made with continuous pink noise signal (6 dB crest factor) within the range Fs-10Fs. Loudspeaker in free air. HF - Two hours test made with continuous pink noise signal (6 dB crest factor) within the

range from the recommended crossover frequency to 20 kHz. LF and HF Power calculated on rated minimum impedance.
⁴ Applied RMS Voltage is set to 2.83V
⁵ 2 hour test made with continuous pink noise signal (6 dB crest factor) within the range from the recommended

crossover frequency to 20 kHz. Power calculated on rated minimum impedance. Loudspeaker in free air.
⁶ Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
⁷ 12 dB/oct. or higher slope high-pass filter.

THIELE & SMALL PARAMETERS

Fs	45 Hz
Re	5.2 Ω
Qes	0.29
Qms	8.5
Qts	0.28
Vas	131 dm ³ (4.63 ft ³)
Sd	707 cm ² (109.59 in ²)
η ₀	4.0 %
X max	± 6 mm
X var	± 8 mm
Mms	67 g
Bl	18.4 T·m
Le	1.0 mH
Le	155 Hz

Service kit LF

RCK14CXN76-8

Service kit HF

MMD902-8M